

**DEVELOPING A GUIDE BOOK FOR TOUR  
GUIDES AT SOLO TECHNOPARK**



FINAL ASSIGNMENT

A Partial Fulfilment of the Requirements for the Applied Foreign  
Language Bachelor's Degree

by

**Pramesti Ayu Wandhira**

**Student Number: 40020521650065**

**BACHELOR OF APPLIED FOREIGN LANGUAGE**

**VOCATIONAL SCHOOL**

**DIPONEGORO UNIVERSITY**

**2025**

## **STATEMENT OF ORIGINALITY**

This is to certify that this thesis is my original work. I am completely responsible for the content of this thesis. Other writers' opinions or findings included in this project are quoted or cited under ethical standards. I understand the consequences of taking somebody else's ideas, phrases, or sentences without proper references.

Name : Pramesti Ayu Wandhira

SID : 40020521650065

Signature :

Date : July 18<sup>th</sup>, 2025

**APPROVAL SHEET**

**A FINAL PROJECT**

**DEVELOPING A GUIDE BOOK FOR TOUR GUIDES  
AT SOLO TECHNOPARK**

by

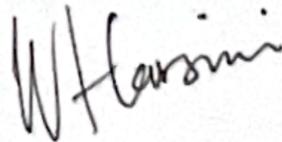
**PRAMESTI AYU WANDHIRA**

**SID: 40020521650065**

**Semarang, July 18th, 2025**

**Approved by**

**Supervisor**



**Windy Harsiwi, S.Pd., M.Int.Cul.**

**NIP. 199111262024062002**

## ACCEPTANCE

This Final Project was submitted by:

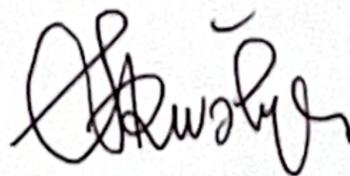
Name : Pramesti Ayu Wandhira  
SID : 40020521650065  
Study Program : Applied Foreign Languages  
Title of Final Project : Developing a Guide Book for Tour Guides at Solo Technopark

**This study has been examined and is accepted for impartial fulfillment of the requirement for the degree of Bachelor of Applied Foreign Language of Vocational College, Universitas Diponegoro**

Board of Examiners:

1. Windy Harsiwi, S.Pd., M.Int.Cul. (Chairperson) : 
2. Aditya Nur Patria S.Hum., M.App.Ling. (Member) : 
3. Alfin Rosyidha S.Pd., M.A. (Member) : 

Semarang, August 20<sup>th</sup>, 2025  
Head of Applied Foreign Language Study Program



Sriwahyu Istana Trahutami, S.S., M.Hum.

NIP. 197401032000122001

## **ACKNOWLEDGEMENT**

All praise and gratitude are due to God Almighty's blessings, guidance, and strength that enabled the researchers to complete this final project titled "Developing a Guide Book for Tour Guides at Solo Technopark." This project is submitted as a requirement for the Bachelor of Applied Degree in the Applied Foreign Language Program at Vocational College, Diponegoro University. With deep respect and appreciation, the researchers sincerely thank:

1. Windy Harsiwi, S.Pd., M.Int.Cul. as the academic supervisor, for her guidance, constructive feedback, and encouragement throughout the writing process.
2. All lecturers and teaching staff in the Applied Foreign Language Program for the knowledge and experiences shared during the researcher's academic journey.
3. All Solo Technopark staff and supervisors for granting permission, sharing insights, and providing essential data for this research.
4. The researchers' parents, family, and friends, whose unwavering support, prayers, and encouragement have been a constant source of strength.

The researchers realize that this guide book is far from perfect. Therefore, constructive criticism and suggestions are highly expected for future improvements. Hopefully, this guide book can provide the greatest benefits for Solo Technopark, especially for tour guides, and contribute to improving the quality of educational and tourism experiences at Solo Technopark.

## TABLE OF CONTENTS

STATEMENT OF ORIGINALITY .....	ii
APPROVAL SHEET .....	iii
ACCEPTANCE .....	v
ACKNOWLEDGEMENT .....	vi
TABLE OF CONTENTS.....	vii
LIST OF FIGURES .....	x
LIST OF TABLES .....	xii
LIST OF APPENDICES .....	xiii
ABSTRACT.....	xiv
<i>ABSTRAK</i> .....	xv
CHAPTER I.....	16
INTRODUCTION .....	16
1.1 Background of the Research .....	16
1.2 Statements of the Problem .....	19
1.3 Research Objectives.....	19
1.4 Significance of The Study.....	19
1.5 Research Output.....	20
CHAPTER II.....	21
LITERATURE REVIEW .....	21
2.1 Solo Technopark .....	21
2.1.1 History of Solo Technopark.....	21
2.1.2 The Role and Functions of Solo Technopark.....	22
2.1.3 Organization Structure in Solo Technopark.....	23
2.1.4 Solo Technopark Program Service.....	23
2.1.5 Building and Area Facilities .....	24
2.2 Tour Guide .....	27
2.2.1 Tour Guide Definition.....	27
2.2.2. Requirements to Become a Tour Guide .....	27
2.2.3 Attitudes of Being a Tour Guide.....	28

2.3 English Language in Tourism .....	29
2.3.1 Definition of English Language Skills .....	29
2.3.2 The Importance of English in Tourism Aspects .....	29
2.3.3 Advantages of Mastering English in the Tourism Sector .....	29
2.4 Guidebook.....	30
2.4.1 Guidebook Definition .....	30
2.4.2 Guidebook Components.....	30
2.4.3 Advantages of Guidebooks .....	31
2.5. Previous Studies.....	32
CHAPTER III .....	34
METHODOLOGY .....	34
3.1 Research Methodology .....	34
3.2 Development Procedures .....	35
3.2.1 Potential and Problem Analysis .....	35
3.2.2 Data Collection .....	36
3.2.3 Product Design.....	37
3.2.4 Design Validation .....	38
3.2.5 Design Revision .....	39
3.2.6 Product Testing .....	39
3.2.7 Product Revision.....	40
3.2.8 Production .....	40
3.3 Location and Research Subject.....	40
3.4 Timeline Implementation.....	40
3.5 Budgeting.....	41
CHAPTER IV .....	42
RESULT AND DISCUSSION .....	42
4.1 Results.....	42
4.1.1 Potential and Problems.....	42
4.1.2 Data Collection .....	43

4.1.3 Product Design .....	45
4.1.4 Design Validation .....	57
4.1.5 Design Revision .....	59
4.1.6 Product Testing .....	62
4.1.7 Product Revision .....	69
4.1.8 Production .....	69
4.2 Discussion .....	73
CHAPTER V .....	76
CONCLUSION AND SUGGESTION .....	76
5.1 Conclusion .....	76
5.2 Suggestion .....	77
REFERENCES .....	78
APPENDICES .....	83

## LIST OF FIGURES

Figure 2. 1 Research and Development Building .....	25
Figure 2. 2 Solo Trade Center Building .....	26
Figure 2. 3 Sembrani and Gumarang Building .....	27
Figure 3. 1 Research and Development Model by Borg and Gall.....	34
Figure 3. 2 Steps of Developing Guide Book .....	35
Figure 3. 3 Questionnaire Form .....	37
Figure 3. 4 Material Validation Form .....	39
Figure 3. 5 Media Validation Form.....	39
Figure 4. 1 Outline Guidance Book Material.....	45
Figure 4. 2 The Usage of Google Translate .....	46
Figure 4. 3 The Usage of Grammarly .....	48
Figure 4. 4 Cover of Guidance .....	50
Figure 4. 5 Acknowledgement .....	50
Figure 4. 6 Opening of Content .....	51
Figure 4. 7 Closing of Content.....	52
Figure 4. 8 Tour Commentary.....	52
Figure 4. 9 Example of an Explanation of The Facilities in The R&D Building .	52
Figure 4. 10 List of Glossary .....	53
Figure 4. 11 References.....	53
Figure 4. 12 Biography of The Authors .....	54
Figure 4. 13 Color Palette .....	55
Figure 4. 14 Generating a Link to Google Drive into QR Qode.....	57
Figure 4. 15 The Usage of QR Codes in Design.....	57
Figure 4. 16 Form of Media Validation .....	58
Figure 4. 17 Form of Material Validation.....	59
Figure 4. 18 Cover Before Revision .....	60
Figure 4. 19 Cover After Revision.....	60
Figure 4. 20 Add a Map to The Guidebook .....	61
Figure 4. 21 Before Revision .....	61

Figure 4. 22 After Revision.....	61
Figure 4. 23 Page Before Revision .....	62
Figure 4. 24 Page After Revision.....	62
Figure 4. 25 Conducting Product Testing with Tour Guide .....	62
Figure 4. 26 Analysis of Product Testing Number 1 .....	64
Figure 4. 27 Analysis of Product Testing Number 2 .....	64
Figure 4. 28 Analysis of Product Testing Number 3 .....	65
Figure 4. 29 Analysis of Product Testing Number 4 .....	65
Figure 4. 30 Analysis of Product Testing Number 5 .....	66
Figure 4. 31 Analysis of Product Testing Number 6 .....	66
Figure 4. 32 Analysis of Product Testing Number 7 .....	66
Figure 4. 33 Analysis of Product Testing Number 8 .....	67
Figure 4. 34 Analysis of Product Testing Number 9 .....	67
Figure 4. 35 Analysis of Product Testing Number 10 .....	68
Figure 4. 36 Mandiri Digipreneur Hub Before Revision .....	69
Figure 4. 37 Mandiri Digipreneur Hub After Revision.....	69
Figure 4. 38 First Page of Guidance Book Containing Cover, Acknowledgement, Table of Contents .....	70
Figure 4. 39 Content about Map of Solo Technopark.....	71
Figure 4. 40 Content about Opening and Closing.....	71
Figure 4. 41 Content about Research and Development Building.....	72
Figure 4. 42 Content about The Solo Trade Center Building .....	72
Figure 4. 43 Content about Sembrani and Gumarang Buildings .....	72
Figure 4. 44 Glossary .....	73
Figure 4. 45 References and Biography .....	73

## **LIST OF TABLES**

Table 3. 1 Timeline of Development .....	41
Table 3. 2 Budgeting .....	41
Table 4. 1 Translating Text Using Google Translate.....	47
Table 4. 2 List of Product Validation Questions.....	63
Table 4. 3 Score of Likert Scale.....	63
Table 4. 4 Summary of Respondents Perception Based on Average Scores .....	68

## **LIST OF APPENDICES**

Appendix 1. Result of Questionnaire How Important Guide Book.....	83
Appendix 2. Acceptance Letter for Internship at Solo Technopark.....	85
Appendix 3. Application for Permission to Collect Data at Solo Technopark .....	86
Appendix 4. Form of Validation Product.....	87
Appendix 5. QR Code Audio Learning .....	89
Appendix 6. Turnitin.....	90
Appendix 7. Informant Consent.....	91

## **ABSTRACT**

This research developed a bilingual guidebook for tour guides at Solo Technopark using Borg and Gall's Research and Development (R&D) method (8 stages). The main problem addressed was the lack of standardized materials, which led to inconsistent information and potentially reduced visitor satisfaction. Observations and questionnaires distributed to the Solo Technopark Public Relations team confirmed the urgent need for such a guidebook. All respondents strongly supported a bilingual guidebook with structured commentary. Data collection, including observation, interviews, documentation, and literature review, ensured content relevance and comprehensiveness. The resulting guidebook includes an introduction, bilingual tour scripts, facility explanations, a glossary, and QR codes for audio pronunciation guides. Expert validation and positive feedback from product testing demonstrated the guidebook's effectiveness and practicality. The research contributes to enhancing the quality and professionalism of tour guides at Solo Technopark. The QR-code-based audio feature further supports English language skill improvement, making it a modern, accessible tool. Overall, this guidebook improves the professionalism, consistency, and quality of tour guide services, thereby enhancing Solo Technopark's reputation.

**Keywords:** Bilingual Guidebook, Tour Guides, Solo Technopark, Research and Development (R&D), QR Code Audio.

## **ABSTRAK**

*Penelitian ini mengembangkan buku panduan dwibahasa untuk pemandu wisata di Solo Technopark menggunakan metode Research and Development (R&D) Borg dan Gall (8 tahap). Masalah utama adalah kurangnya materi standar, yang menyebabkan inkonsistensi informasi dan potensi mengurangi kepuasan pengunjung. Observasi dan kuesioner kepada tim Public Relations Solo Technopark menegaskan kebutuhan mendesak akan panduan ini. Semua responden sangat mendukung buku panduan dwibahasa dengan komentar terstruktur. Pengumpulan data meliputi observasi, wawancara, dokumentasi, dan studi literatur untuk memastikan relevansi dan kelengkapan konten. Buku panduan mencakup pengantar, skrip tur dwibahasa, penjelasan fasilitas, glosarium, dan kode QR untuk panduan pengucapan audio. Validasi ahli dan umpan balik positif dari uji produk menunjukkan efektivitas dan kepraktisan buku panduan ini. Kontribusi penelitian ini adalah peningkatan kualitas dan profesionalisme pemandu wisata di Solo Technopark. Fitur audio berbasis kode QR mendukung peningkatan keterampilan bahasa Inggris, menjadikan buku panduan ini alat modern yang mudah diakses. Secara keseluruhan, buku panduan ini meningkatkan profesionalisme, konsistensi, dan kualitas layanan pemandu wisata, serta reputasi Solo Technopark.*

**Kata kunci:** *Buku Panduan Dwibahasa, Pemandu Wisata, Solo Technopark, Penelitian dan Pengembangan, Audio Kode QR.*